

## ATTACHMENT L

### MANDATORY ENVIRONMENTAL POLICIES AND REGULATIONS, AND RESOURCES

1. Executive Order 13101, Greening the Government Through Waste Prevention, Recycling, and Federal Acquisition, September 1998.  
Available at Internet Address: [www.ofee.gov](http://www.ofee.gov)
2. Section 6002, Resource Conservation and Recovery Act (RCRA), "Federal Procurement".  
Available at Internet Address: [rcra.docket@epamail.epa.gov](mailto:rcra.docket@epamail.epa.gov)
3. Code of Federal Regulations (CFR) Part 40 Section 247, "Comprehensive Procurement Guideline for Products Containing Recovered Materials".  
Available at Internet Address: [www.epa.gov/opptintr/epp](http://www.epa.gov/opptintr/epp)
4. Federal Acquisition Regulation (FAR).  
Available at Internet Address: [www.arnet.gov](http://www.arnet.gov)  
  
Part 23.4 "Use of Recovered Materials"  
  
Part 23.7 "Contracting for Environmentally Preferable and Energy-Efficient Products and Services"  
  
Part 23.8 "Ozone-depleting Substances"
5. Final Guidance for Environmentally Preferable Purchasing, August 20, 1999.  
Available at Internet Address: [www.ofee.gov](http://www.ofee.gov)
6. Executive Order 12902 on Energy and Water Conservation.  
Available at Internet Address: [www.eren.doe.gov/femp](http://www.eren.doe.gov/femp)
7. Environmentally Improved Member Product Directory.  
Available at Internet Address: [www.ecompartners.com/atmi](http://www.ecompartners.com/atmi) and the following:  
American Textile Manufacture Institute  
Attention: E3 Program  
1801 K Street, NW, Suite 900  
Washington, DC 20006  
Phone: (202) 862-0500  
Fax: (202) 862-0590
8. Executive Order 12969, Toxic Chemical Release Reporting, dated August 1995.  
Available at Internet Address: <http://es.epa.gov/oeca>

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### 9. Environmental Preferability Resources.

#### Statutory/Regulatory Requirements:

##### For recycled content products:

Recycled content products designated by EPA for purchase by federal Government and their contractors per statutory requirement (Section 6002 of the Resource Conservation and Recovery Act) are identified in the Comprehensive Procurement Guideline (40 CFR 247).

Available at Internet Address: <http://www.epa.gov/cpg/>

This requirement is passed through to contractor through citation of FAR clauses:

- 52.223-4 Recovered Materials Certification
- 52.223-9 Certification of Percentage of Recovered Material Content for EPA Designated Items Used in Performance of the Contract.

##### Policies:

Executive Order 13101: “Greening the Government Through Waste Prevention, Recycling and Federal Acquisition.”

Available at Internet Address: <http://www.ofee.gov/>

Executive Order 12902 on Energy and Water Conservation

Available at Internet Address: <http://www.eren.doe.gov/femp>

Executive Order 13134, “Developing and Promoting Biobased Products and Bioenergy”  
“Procedures for Submission of Biobased Products for Listing by USDA,” proposed rule, Federal Register, August 13, 1999.

Available at Internet Address: <http://wais.access.gpo.gov>

Proposed biobased product categories and definition for preferential purchase by executive agencies, including:

- “New fibers/filler/yarn/insulation”
- “Plant-based plastics/degradable polymers/films”
- “Renewable Alternative Fiber Papers/Packaging”
- “Adhesives, Inks, and Coatings”

“Final Guidance on Environmentally Preferable Purchasing for Executive Agencies,” August 20, 1999, U.S. Environmental Protection Agency.

Available at Internet Address: <http://www.epa.gov/opptintr/epp/>

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## 10. Textile Manufacturing Chain and Environmental Programs

<b>Manufacturing Process</b>	<b>Association (Point of Contact)</b>	<b>Environmental Programs</b>
<b>FIBER Natural Fibers</b>		
Wool	American Sheep Industry Association (Rita Kourlis-Samuelson) 6919 South Yosemite Street Englewood, CO 80112 (303) 771-3500 <a href="http://www.sheepusa.org">http://www.sheepusa.org</a>	
Cotton	Cotton Council International (Dr. Phil Wakelyn) 1521 New Hampshire Ave., NW Washington, DC 20036 (202) 745-7805 <a href="http://www.cottonusa.org">www.cottonusa.org</a>	Cotton Cares Program
<b>FIBER Synthetic Fibers</b>		
Man-Made Fibers	American Fiber Manufacturers Association (Bob Barker) 1150 17 <sup>th</sup> Street NW Suite 310 Washington, DC 20036 (202) 296-6508 <a href="http://www.fibersource.com/fiber.html">www.fibersource.com/fiber.html</a>	The American Fiber Manufacturers Association ( <a href="http://www.afma.org">AFMA</a> ) undertook a life cycle analysis study of a typical manufactured product and process flow - in this case, for a 100% polyester fiber (polyethylene terephthalate) knit fabric woman's blouse apparel item. The results from the research effort are described both in this executive summary and the accompanying detailed report. <a href="http://www.fibersource.com/f-tutor/LCA-Page.htm">www.fibersource.com/f-tutor/LCA-Page.htm</a>
<b>YARN</b>		
Yarn Spinning	American Yarn Spinners Association (Jim Connor) 2500 Lowell Road Ranlo, NC 28054 (704) 824-3522	

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<b>FABRIC</b>		
Fabric (also yarn, thread, and some wet processing)	American Textile Manufacturers Institute (Suzanne Hough and Julie Fleming) 1130 Connecticut Ave. NW Suite 1200 Washington, DC 20036 (202) 862-0500 <a href="http://www.ATMI.org">www.ATMI.org</a>	<ul style="list-style-type: none"> <li>• Encouraging Environmental Excellence (E3) Program</li> <li>• Quest for the Best in Safety and Health</li> </ul>
Industrial Fabric	Industrial Fabrics Association International (Juli Case) 1801 Country Road BW Roseville, MN 55113 (612) 222-2508 <a href="http://www.ifai.com">www.ifai.com</a>	
Knitted Fabric	Knitted Textile Association (Peter Adelman) 386 Park Avenue South Suite 901 New York, NY 10016 (212) 689-3807 <a href="http://www.kta-usa.org">www.kta-usa.org</a>	
Non-Woven Fabric		
<b>DYEING AND FINISHING</b>		
Wet Processors	American Association of Textile Chemists and Colorists (Jerry Tew) P.O. Box 12215 Research Triangle Park, NC 27709 (919) 549-8141 <a href="http://www.AATCC.org">www.AATCC.org</a>	
<b>APPAREL</b>		
Apparel	American Apparel Manufacturers Association (AAMA) (Larry Martin) 2500 Wilson Boulevard Suite 301 Arlington, VA 22201 (703) 524-1864 <a href="http://www.americanapparel.org">www.americanapparel.org</a>	WRAP Program

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Knitwear and Sportswear	National Knitwear and Sportswear Association (NKSA) (Seth Bodner) 386 Park Avenue South New York, NY 10016 (212) 683-7520 <a href="http://www.asktmag.com">www.asktmag.com</a>	
Socks and Hosiery	National Association of Hosiery Manufacturers (Charles Brooks) 200 North Sharon Amity Road Charlotte, NC 28211 (704) 365-0913 <a href="http://www.nahm.com">www.nahm.com</a>	

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OTHER STAKEHOLDERS		
Chemical Suppliers		
General	Chemical Manufacturers Association (Lucinda Schofer) 1300 Wilson Boulevard Arlington, VA 22209 (703) 741-5000 <a href="http://www.cmahq.com">http://www.cmahq.com</a>	“Responsible Care” program: Described as a cultural revolution in the chemical industry, Responsible Care is the industry's premier voluntary environmental, health and safety initiative performance improvement initiative. Through Responsible Care, CMA members and Partners are committed to no accidents, injuries or harm to the environment. CMA is planning a conference April 30-May3 in Florida.
	National Paint and Coatings Association (Steve Sides) 1500 Rhode Island Ave., NW Washington, DC 20005 (202) 462-6272 <a href="http://www.paint.org">http://www.paint.org</a>	“Coating Cares” program ( <a href="http://www.paint.org/cc/">http://www.paint.org/cc/</a> )
Dyestuff manufacturers	Ecological and Toxicological Association of Dyes and Organic Pigments Manufacturers (ETAD) (Dr. Tucker Helms) 1850 M Street, NW Suite 700 Washington, DC 20036 (202) 721-4100 <a href="http://www.etad.com">http://www.etad.com</a>	Dye Care
Standards Developing Organizations (SDOs)		
General	American Society for Testing and Materials (Bode Buckley) 100 Barr Harbor Drive West Conshohocken, PA 19428 (610) 832-9500 <a href="http://www.astm.org">www.astm.org</a>	

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Textile Recycling Organizations		
Recycled textiles	<p>SMART Secondary Materials and Recyclable Textiles (Bernie Brill) 7910 Woodmont Avenue Suite 1130 Bethesda, MD 20814 <a href="http://www.smartasn.org">www.smartasn.org</a></p>	
Educational Institutions		
	<p>Auburn University (Dr. William Walsh) Department of Textile Engineering 101 Textile Engineering Building Auburn, AL 36849-5327 (334) 844- 5452 <a href="http://www.eng.auburn.edu/departments/te">www.eng.auburn.edu/departments/te</a></p>	
	<p>Clemson University (Dr. Michael Drews) School of Textiles, Fiber, and Polymer Science 161 Sirene Hall Clemson, SC 29634-1307 (864)656-3176 <a href="http://www.ces.clemson.edu/textiles">www.ces.clemson.edu/textiles</a></p>	
	<p>Georgia Institute of Technology School of Textiles and Fiber Engineering (Dr. Fred Cook) Atlanta, GA 30332-0295 (404) 894-2490 <a href="http://www.tfe.gatech.edu/tfehome.html">www.tfe.gatech.edu/tfehome.html</a></p>	
	<p>North Carolina State University College of Textiles (Dr. Robert Barnhardt) 2401 Research Dr. - Box 8301 Raleigh, N.C. 27695 (919) 515-6500 <a href="http://www.tx.ncsu.edu">www.tx.ncsu.edu</a></p>	
	<p>Philadelphia University (Dr. David Brookstein) School House Lane &amp; Henry Avenue Philadelphia PA 19144-5497 (215) 951-2700 <a href="http://www.philacol.edu/pchome.html">www.philacol.edu/pchome.html</a></p>	

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	University of Massachusetts Department of Textile Sciences (Steven B. Warner, Sc.D.) 285 Old Westport Rd. Dartmouth, MA 02747 (508) 999-8448 <a href="http://www.umassd.edu/academic/engineering/textiles/welcome.htm">www.umassd.edu/academic/engineering/textiles/welcome.htm</a>	
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11. Websites with Lists of Recycled-Content Product Manufacturers

State of Pennsylvania

Available at Internet Address: <http://www.prc.org/guide>

State of California

Available at Internet Address: <http://www.ciwmb.ca.gov/RCP/>